MAKE-A-RECORD3 3 11 PTO/SB/21 (07-09) AUG 0 2 2011 Approved for use through 07/31/2012. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Undecide Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 10/667,956 Application Number RADEMATRANSMITTAL Filing Date September 22, 2003 **FORM** First Named Inventor Richard J. Cohen, et al. (to be used for all correspondence after initial filing) Art Unit 3766 **Examiner Name** Mark W. Bockelman otal Number of Pages in This Submission 6550-000199/US Attorney Docket Number ENCLOSURES (check all that apply) After Allowance Communication to Fee Transmittal Form Drawing(s) Technology Center (TC) Appeal Communication to Board of Licensing-related Papers Fee Attached Appeals and Interferences Petition Appeal Communication to TC Amendment / Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a After Final **Proprietary Information** Provisional Application Power of Attorney, Revocation Affidavits/declaration(s) Status Letter Change of Correspondence Address Terminal Disclaimer Other Enclosure(s) Extension of Time Request (please identify below): Transmittal letter requesting Request for Refund errors of record and an Express Abandonment Request acknowledgment postcard. CD, Number of CD(s) _ Information Disclosure Statement Landscape Table on CD The Commissioner is hereby authorized to charge any additional Remarks Certified Copy of Priority fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Document(s) Account No. 08-0750. Response to Missing Parts/ Incomplete Application EM 183874038 US Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Harness, Dickey & Pierce, P.L.C. Signature

Firm Name Harness, Dickey & Pierce, P.L.C.

Signature August 2, 2011

Printed name Monte L. Falcoff

Date August 2, 2011

Reg. No. 37,617

Certificate

AUG 05 2011

Of Correction

CERTIFICATE OF TRANSMISSION/MAILING

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TRANSMITTAL FORM (to be used for all correspondence after initial filing) 0 2 2011			Application Number 10/667,956		56			
			Filing Date		Septemb	September 22, 2003		
			First Named Inv	entor	Richard J	Richard J. Cohen, et al.		
			Art Unit		3766			
) 0 - 2011 <u>w</u> /			Examiner Name		Mark W.	Mark W. Bockelman		
Total Number of Pages in This Submission			Attorney Docket	Number	6550-000	6550-000199/US		
		ENCLOS	SURES (check all t	that apply)			
Fee Transmittal Form		☐ Drawing	Prawing(s)		. —	After Allowance Communication to Technology Center (TC)		
Fee Attached		Licensing-related Papers			Appeal Communication to Board of Appeals and Interferences			
Amendment / Reply		Petition			Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)			
After Final		Petition to Convert to a Provisional Application		Proprie	Proprietary Information			
Affidavits/declaration(s)		Power of Attorney, Revocation Change of Correspondence Address		☐ Status	Status Letter			
Extension of Time Request		Terminal Disclaimer			Other Enclosure(s) (please identify below):			
Express Abandonment Request		_ ·	uest for Refund Number of CD(s)		err	Transmittal letter requesting errors of record and an acknowledgment postcard.		
Information Disclosure Statement		Lan	Landscape Table on CD					
Certified Copy of Priority Document(s)		Remarks The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750.						
Response to Missing Parts/ Incomplete Application								
Response to Missing Parts under 37 CFR 1.52 or 1.53								
	SIGNAT	URE OF A	PPLICANT, ATT	ORNEY,	OR AGENT			
Firm Name								
Signature	WHI -							
Printed name	Monte L. Falcoff							
Date	August 2, 2011 Reg. No.			37,617	· · · · ·			
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Service with sufficient	his correspondence is nt postage as first da 1-1450 on the date sho	ass mail in a	mile transmitted to an envelope addre	the USPTo	O or deposited Commissioner	with the United States Pos for Patents, P.O. Box 145	tal 50,	
Typed or printed name Monte L. Falcoff		ff /	10		Express Mail Label No.	EM 183 874 038 US (8/2/2011)	,	
Signature "Signature"		ST			Date	August 2, 2011		

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August 2, 2011

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Re:

Patent No. 7,815,578 – Issued: October 19, 2010

Inventors: Richard J. Cohen, Ramakrishna Mukkamala

and Derin A. Sherman

For: METHODS AND APPARATUS FOR DETERMINING

CARDIAC OUTPUT

Our Reference: 6550-000199/US

Sir:

We have reviewed the above-identified patent and have found the following errors. Please make the following errors of record in your files:

Column 1, line 14 (Preliminary Amendment dated November 4, 2003, page 2, line 5), "NAGS-4989" should be --NAG5-4989--.

Column 1, line 40 (application page 1, line 23), "may than be" should be --may then be--.

Column 3, line 63 (application page 5, line 2), "TD" should be $-\tau_D$ --.

Column 4, line 44 (application page 6, line 3), "DRAWING" should be -- DRAWINGS--.

Column 5, line 22 (application page 7, line 3), "present" should be --presents--.

Column 8, line 35 (application page 11, line 16), "TD" should be $-\tau_D$ --.

Column 11, line 38 (application page 15, line 26), "ragne" should be --range--.

Column 11, line 40 (application page 15, line 28), "CO, CO," should be --CO--.

Harness, Dickey & Pierce, P.L.C. Attorneys and Counselors P.O. Box 828 Bloomfield Hills, Michigan 48303 U.S.A. 248.641.1600 • fax 248.641.0270

FOR COURIER DELIVERY ONLY 5445 Corporate Drive, Suite 200 Troy, Michigan 48098 U.S.A. Commissioner for Patents August 2, 2011

Column 12, line 5 (application page 16, line 17), "fit.)" should be --fit.--.

Column 12, line 48 (application page 17, line 14), "T" should be $-\tau$ --.

No fee should be required. However, the Commissioner is hereby authorized to charge any fee or any fee insufficiencies to Deposit Account No. 08-0750 or credit any overpayments to that deposit account. A duplicate copy of this letter is enclosed.

Respectfully submitted,

y: ____

Monte L. Falcoff Reg. No. 37,617

Attorney for Applicants

MLF/sed Encl.





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By:

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Attorney for Applicants

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